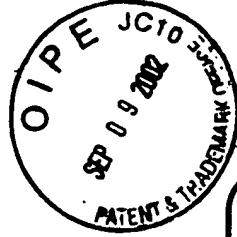


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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

18

Application Number	10/092,031
Filing Date	03/05/2002
First Named Inventor	Giorgio Rizzoni et al.
Group Art Unit	3747
Examiner Name	

Attorney Docket Number OSU1159-148B

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

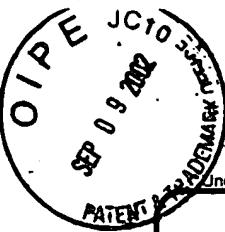
Firm or Individual name	Roger A. Gilcrest
Signature	
Date	September 3, 2002

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Typed or printed name	Sheri L. Burke	Date	September 4, 2002
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1063.00)

Complete if Known	
Application Number	10/092,031
Filing Date	03/05/2002
First Named Inventor	Giorgio Rizzoni et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	OSU1159-148B

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number
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The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified Deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL(1) (\$ 370.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20** = x =

Independent Claims -3* = x 42.00 = 168.00

Multiple Dependent =

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL(2) (\$ 168.00)

* or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	65.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner Action	
113 1,840*	113 1840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	460.00
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	210 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR Section 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR Section 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid SUBTOTAL(3) (\$ 525.00)

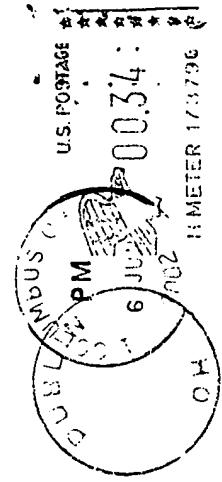
SUBMITTED BY			
Name (Print/Type)	Roger A. Gijcrest	Registration No. (Attorney/Agent)	Telephone
Signature	<i>Roger A. Gijcrest</i>	31,954	614-792-5555
		Date	<i>Sept. 3, 2002</i>

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STANDLEY & GILCREST

Attorneys and Counselors at Law
495 Metro Place South
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Title

Engine control using torque estimation

Preliminary Class

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/092,031	03/05/2002	3747	0.00	OSU1159- 148B	23	20	7

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08698
STANLEY & GILCREST LLP
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DUBLIN, OH 43017

REF FIVE

APR 15 2002

STEADLEY & GILCREST

CONFIRMATION NO. 7585

FILING RECEIPT



06000000007827572

Date Mailed: 04/09/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Giorgio Rizzoni, Residence Not Provided;

~~Excluded from residence context provided~~

Yann Guezennec, Residence Not Provided;

Ahmed Soliman, Residence Not Provided;

~~Maxx Gavettix Residence Not Provided~~

~~James Waters Residence Not Provided~~

Assignment For Published Patent Application

The Ohio State University, Columbus, Ohio
Detroit Automotive Brighton MI

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/273,423 03/05/2001

Foreign Applications

If Required, Foreign Filing License Granted 04/08/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

STANLEY & GILCREST
Received for Docketing
Date: 4/15/02



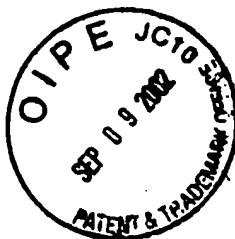
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,031	03/05/2002	Giorgio Rizzoni	OSU1159-148B

08698
STANLEY & GILCREST LLP
495 METRO PLACE SOUTH
SUITE 210
DUBLIN, OH 43017



CONFIRMATION NO. 7585

FORMALITIES LETTER



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NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$336.
 - \$336 for 4 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1206.**

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Sandy T. Bachman
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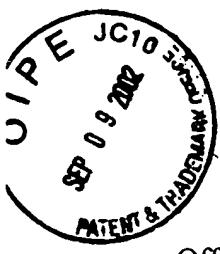
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09/11/2002 703-308-1202 10000033 10092031

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02 FO:1202
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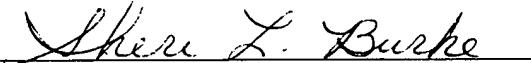
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RE: U.S. Patent Application Serial No. 10/092,031
Entitled: ENGINE CONTROL USING TORQUE ESTIMATION
Filed: March 5, 2002
Group Art Unit: 3747
Inventor: Giorgio Rizzoni et al.
Based on: U.S. Provisional Application Serial No. 60/273,423
Our reference: OSU1159-148B

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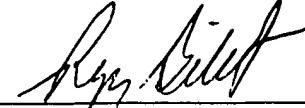
Dear Sir:

Applicant's undersigned attorney has noted the following errors in the Official Filing Receipt for the above-identified application:

1. By virtue of the filing of two (2) Preliminary Amendments, the inventorship of this application has been changed. Therefore, please delete the following inventors.
"Byungho Lee, Mauro Cavaletti, James Waters"
2. Under "Assignment for Published Patent", please delete "Delphi Automotive, Brighton, MI"; also, please delete the word "Unviersity" and insert the word --- University ---.

A copy of the Official Filing Receipt is enclosed herewith and the changes as detailed above have been made to this copy.

Respectfully submitted,



Roger A. Gilcrest
Registration No. 31,954
Standley & Gilcrest LLP
495 Metro Place North, Suite 210
Dublin, Ohio 43017
Attorneys for Applicant